846 Inventory Inquiry/Advice

Functional Group=IB

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Federal Note:

1. This transaction is used to request, inquire about, and cancel a physical inventory, and to request transaction history.

2. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Owners and managers use this transaction set to request, inquire about, and cancel a physical inventory by a distribution depot or storage activity. Owners and managers also use this transaction set to request transaction history. Distribution depots/storage activities use this transaction set to cancel and/or reschedule a physical inventory request by an owner/manager. Distribution depots/storage activities also use this transaction set to respond to a request for transaction history when no history is available and an inquiry about a request for a physical inventory. Distribution depots/storage activities also use this transaction set to provide the owner/manager End of Day processing accountable transaction count information. This transaction encompasses the functionality of MILSTRAP Document Identifier (DI) Codes DJA, DZJ, DZK when rp 30-43 is 8-filled or 9-filled, and DZM.

2. Use a single occurrence of this transaction set to exchange transactions between a single owner/manager and a single or multiple distribution depots/storage activities, or between a single distribution depot/storage activity and a single or multiple owners/managers. For use as an end of day transaction count, depot/storage activity sends a single occurrence of this transaction to a single owner/manager.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at www.dla.mil/j-6/dlmso.

4. This DLMS Supplement to the Federal 846P implementation convention contains:

a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.

b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.

d. Data elements which have an expanded field size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.

5. This DLMS Supplement incorporates the Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDCs/ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlmso/elibrary/Changes/processchanges.asp

- ADC 45, Use of Both Ownership Code and Purpose Code in DLMS for Ammunition
- ADC 77, Air Force Unique Management Coding for Materiel Management Aggregation Code (MMAC)
- ADC 134, Revision to DS 846P, Physical Inventory Request to Add Physical Inventory Cutoff Date (Supply)
- ADC 138, Revisions to DLMS Supplement (DS) 846P, Physical Inventory Request, to Capture Impact of Approved DLMS Change (ADC) 33, and Other Administrative Changes
- ADC 164, Revision to DLMS Supplement 846P, Physical Inventory Request, to Accommodate Functionality of End of Day Transaction Count (MILSTRAP DZM) and to Provide Transaction Clarification and Administrative Changes (Supply)
- ADC 198, Revise DS 846P to Provide Capability to Advise When No History is Available in Response to a Transaction History Request
- ADC 204, Revision to DS 846P and 846R to Support Requirements for Army Medical Material Agreement Inventory Records Management Process (Supply)
- ADC 270, Administrative Revision to DS 846P to Clarify Date Qualifiers in Transaction History Requests
- ADC 295, Use of DLMS Qualifier for Local Stock Number/Management Control Numbers
- ADC 307, Administrative Update to DLMS, Volume 2, Chapter 6, Physical Inventory Control and DLMS Supplements (DS) 846P, 846R, and 888I (Supply/MILSTRAP) (Supply/MILSTRAP)

Heading:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	10	ST	Transaction Set Header	M	1			Must use
	20	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
*	40	CUR	Currency	O	1			Not Used
*	50	DTM	Date/Time Reference	O	10			Not Used
*	60	REF	Reference Identification	O	12			Not Used
*	70	PER	Administrative Communications Contact	O	3			Not Used
*	75	MEA	Measurements	O	20			Not Used

LOOP ID - N1						5		
	80	N1	Name	O	1			Must use
*	90	N2	Additional Name Information	O	2			Not Used
*	100	N3	Address Information	O	2			Not Used
*	110	N4	Geographic Location	O	1			Not Used
*	120	REF	Reference Identification	O	12			Not Used
*	130	PER	Administrative Communications Contact	O	3			Not Used

* LOOP ID - LM						10		
*	140	LM	Code Source Information	O	1			Not Used
	150	LQ	Industry Code	M	100			Must use

Detail:

	Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN						**10000**		
	10	LIN	Item Identification	M	1			Must use
*	30	PID	Product/Item Description	O	200			Not Used
*	40	MEA	Measurements	O	40			Not Used
*	50	PKG	Marking, Packaging, Loading	O	25			Not Used
	100	DTM	Date/Time Reference	O	10			Used
*	110	CTP	Pricing Information	O	25			Not Used
*	120	CUR	Currency	O	1			Not Used
*	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
	140	REF	Reference Identification	O	>1			Used
*	150	PER	Administrative Communications Contact	O	3			Not Used
*	220	SDQ	Destination Quantity	O	500			Not Used
*	230	MAN	Marks and Numbers	O	1			Not Used
*	235	UIT	Unit Detail	O	5			Not Used
*	240	CS	Contract Summary	O	1			Not Used
*	250	DD	Demand Detail	O	>1			Not Used
*	255	G53	Maintenance Type	O	1			Not Used
*	256	PCT	Percent Amounts	O	>1			Not Used
*	257	LDT	Lead Time	O	12			Not Used
LOOP ID - LM						**10**		
	260	LM	Code Source Information	O	1			Used
	270	LQ	Industry Code	M	100			Must use
* LOOP ID - SLN						**1000**		
*	280	SLN	Subline Item Detail	O	1			Not Used
*	290	PID	Product/Item Description	O	200			Not Used
*	300	MEA	Measurements	O	40			Not Used
*	310	PKG	Marking, Packaging, Loading	O	25			Not Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* LOOP ID - MAN					**100**		
* 312	MAN	Marks and Numbers	O	1			Not Used
* 314	MEA	Measurements	O	40			Not Used
LOOP ID - QTY					**99**		
320	QTY	Quantity	O	1			Used
* 330	UIT	Unit Detail	O	12			Not Used
* 340	MEA	Measurements	O	25			Not Used
* 350	LDT	Lead Time	O	12			Not Used
* 355	DTM	Date/Time Reference	O	10			Not Used
* LOOP ID - SCH					**25**		
* 360	SCH	Line Item Schedule	O	1			Not Used
* 370	MEA	Measurements	O	25			Not Used
* LOOP ID - LM					**>1**		
* 375	LM	Code Source Information	O	1			Not Used
376	LQ	Industry Code	M	100			Must use
* LOOP ID - LS					**1**		
* 380	LS	Loop Header	O	1			Not Used
* LOOP ID - REF					**>1**	**N2/390L**	
* 390	REF	Reference Identification	O	1		N2/390	Not Used
* 400	DTM	Date/Time Reference	O	>1			Not Used
* 410	N1	Name	O	1			Not Used
* LOOP ID - LM					**10**		
* 420	LM	Code Source Information	O	1			Not Used
430	LQ	Industry Code	M	100			Must use
* 440	LE	Loop Trailer	M	1			Not Used
LOOP ID - N1					**200**		
450	N1	Name	O	1			Must use
* 460	N2	Additional Name Information	O	2			Not Used
* 470	N3	Address Information	O	2			Not Used
* 480	N4	Geographic Location	O	1			Not Used
* 490	REF	Reference Identification	O	12			Not Used
* 500	PER	Administrative Communications Contact	O	3			Not Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* 10	CTT	Transaction Totals	O	1		N3/10	Not Used
20	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/390L   The REF loop conveys serial number, lot number, and inventory data.

2/390   The REF loop conveys serial number, lot number, and inventory data.

3/10   Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

ST   Transaction Set Header

Pos: 10	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

Code	Name
846	Inventory Inquiry/Advice

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Federal Note: *A unique number assigned by the originator of the transaction set, or the originator's application program.*

BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 20	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 5**

User Option (Usage): Must use

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Semantics:

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.
3. BIA05 identifies the time of the inquiry/advice that is transferred.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Code	Name
00	Original
77	Simulation Exercise

DLMS Note:

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
BIA02	755	**Report Type Code**	M	ID	2/2	Must use	1

Description: Code indicating the title or contents of a document, report or supporting item

Code	Name
AD	Agent/Distributor Inventory Report

DLMS Note:

Use to identify a Response to a Transaction History Request (No History Available). From distribution depot/storage activity to owner/manager. (MILSTRAP DI Code DZK functionality when record position 30-43 is 8-filled or 9-filled.) Use with 2/LQ01/270/FC Type of Physical Inventory/Transaction History Code 8 or 9. NOTE: When history is available, there is no direct map of MILSTRAP DI Code DZK to DLMS. Instead, all transactions that were subject to historical submission under DZK, were given a beginning segment action code 'W1" for historical submissions. DLMS transactions containing Action Code W1 for historical submission are: 527R, 867I, 940R, 945A, 947I.)

Code	Name
B1	Batch Report

DLMS Note:

1. Use to identify End of Day Transaction Count. Use to provide end of day accountable transaction count information. From distribution depot/storage activity to owner/manager to advise owner/manager of the number of balance affecting transactions that were forwarded during the daily course of business. (MILSTRAP DI Code DZM functionality).

2. Sent by distribution depot/storage activity to owner/manager to advise owner/manager of the number of accountable (balance affecting) transactions that were forwarded during the daily course of business. Only the following qualify as accountable transactions for this purpose: Receipts (DS 527R with 1/BR02 code D4); Issues (DS 867I); Inventory Adjustment-Increases (DS 947I with 2/W1916 code AJ); Inventory Adjustment-Decreases (DS 947I with 2/W1916 code AD); Inventory Adjustments-Dual (DS 947I with 2/W1916 code DU).

Code	Name
DD	Distributor Inventory Report

DLMS Note:

Use to identify a Response to Physical Inventory Request Transaction (does not include asset balances). From distribution depot/storage activity to owner/manager. (MILSTRAP DI Code DJA functionality when used as a response with Management Code R (no record of stock number or no

Code	Name
	record of ownership), S (physical inventory in workload bank or in process), or Y (response to follow-up when inventory already complete).
TC	Physical Inventory Request

DLMS Note:

Use to identify a Physical Inventory Request Transaction. From owner/manager to initiate, follow up on, or cancel a physical inventory. From distribution depot/storage activity to initiate or cancel a physical inventory. (MILSTRAP DI Code DJA functionality)

TF	Transaction History Request

DLMS Note:

Use to identify a Transaction History Request Transaction. From owner/manager to distribution depot/storage activity. (MILSTRAP DI Code DZJ functionality).

BIA03	127	**Reference Identification**	M	AN	1/30	Must use	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Federal Note: *Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.*

BIA04	373	**Date**	M	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

Federal Note: *This date is the date of the transaction set preparation and corresponds to the Universal Time Coordinate (UTC).*

DLMS Note: *DLMS enhancement; see introductory DLMS note 4a.*

BIA05	337	**Time**	O	TM	4/8	Used	1

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Federal Note: *1. Express the originating activity's time of transaction set preparation in UTC.*

2. Express time in a four-position (HHMM) format.

DLMS Note: *DLMS enhancement; see introductory DLMS note 4a.*

N1   Name

Pos: 80	**Max: 1**
Heading - Optional	
Loop: N1	**Elements: 4**

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 1/N1/080 loop to identify the organization originating the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *1. Use only one of codes SB or Z4.*

2. For DLMS use, only the following codes are authorized.

Code	Name
SB	Storage Area

DLMS Note:

Use to indicate a depot or storage activity.

Code	Name
Z4	Owning Inventory Control Point

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

Code	Name
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

Code	Name
10	Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

Code	Name
M4	Department of Defense Routing Identifier Code (RIC)

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 4c.

Code **Name**

2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

N104	67	**Identification Code**	X	AN	2/80	Must use	1

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code **Name**

FR   Message From

Federal Note:

Must use with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.

LIN   Item Identification

<table>
<tr><td>Pos: 10</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: LIN</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

DLMS Note:

1. Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with the transaction.

2. For End of Day Transaction count (1/BIA02/20 code B1), repeat the LIN loop as needed to provide the transaction number and accountable transaction count information. Use one iteration to identify the number of different transaction "types" being reported. Use additional iterations as needed to provide transaction counts for the specific transaction types.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Federal Note: *Use any code.*

DLMS Note: *1. For 1/BIA02/20 codes AD, DD, TC, and TF, use only one of codes A1, A2, A3, A4, FB, FS, MG, YP, or ZZ to identify the item of inventory. Must use National Stock Number (NSN) when known except when appropriate brand name subsistence items are identified by the subsistence Identification Number.*

2. For 1/BIA02/20 code B1, only use ZZ.

3. For DLMS use only the following codes

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
		are authorized.					

Code Name

A1 Plant Equipment Number

> **DLMS Note:**
>
> *1. Use to identify plant equipment.*
>
> *2. DLMS enhancement; See introductory DLMS note 4a.*

A2 Department of Defense Identification Code (DoDIC)

> **DLMS Note:**
>
> *1. Use to identify ammunition items.*
>
> *2. DLMS enhancement; See introductory DLMS note 4a.*

A3 Locally Assigned Control Number

> **DLMS Note:**
>
> *1. Defense Medical Logistics Standard Support (DMLSS)/Theater Enterprise-Wide Logistics System (TEWLS) use to cite their Local Catalog Identification which can reference multiple prime vendor part numbers for a specific site.*
>
> *2. DLMS enhancement. See introductory DLMS note 4a.*

A4 Subsistence Identification Number

> **DLMS Note:**
>
> *Use to identify subsistence items.*

F4 Series Identifier

> **DLMS Note:**
>
> *1. Use to identify the manufacturer's series number of the end item.*
>
> *2. DLMS enhancement; See introductory DLMS note 4a.*

FB Form Number

> **DLMS Note:**
>
> *1. Use to identify the form stock number.*
>
> *2. DLMS enhancement; See introductory DLMS note 4a.*

FS National Stock Number

MG Manufacturer's Part Number

> **DLMS Note:**
>
> *Use to identify nonstandard material.*

MN Model Number

> **DLMS Note:**
>
> *1. Use to identify the manufacturer's model number of the end item.*
>
> *2. DLMS enhancement; See introductory DLMS note 4a.*

SN Serial Number

> **DLMS Note:**
>
> *1. Use to identify the manufacturer's serial number of the end item.*
>
> *2. DLMS enhancement; See introductory DLMS note 4a.*

YP Publication Number

> **DLMS Note:**
>
> *1. Use to identify the publication stock number.*
>
> *2. DLMS enhancement; See introductory DLMS note 4a.*

ZZ Mutually Defined

> **DLMS Note:**
>
> *1. Dual use:*
>
> *For 1/BIA02/20 codes AD, DD, TC, and TF, use to identify nonstandard material when all other*

		Code Name					

authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code.

2. For 1/BIA02/20 code B1 end of day accountable transaction count transactions, must use to comply with ANSI syntax requirements. Indicate ZZ in LIN03.

LIN03	234	**Product/Service ID**	M	AN	1/48	Must use	1

Description: Identifying number for a product or service

LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code Name

ZB   Commercial and Government Entity (CAGE) Code

DLMS Note:

Use with LIN02 code MG to uniquely identify a manufacturer's part number.

LIN05	234	**Product/Service ID**	X	AN	1/48	Used	1

Description: Identifying number for a product or service

DTM Date/Time Reference

Pos: 100	**Max: 10**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

DLMS Note:

1. Use to convey dates associated with the transaction.

2. Do not use with End of Day Accountable Transaction Count transactions (1/BIA02/20 code B1).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Federal Note: *Use any code.*

DLMS Note: *For DLMS, only the following codes are authorized.*

Code	Name
036	Expiration

> **DLMS Note:**
>
> *1. For subsistence items, use in physical inventory requests and physical inventory response transactions to identify the expiration date.*
>
> *2. DLMS enhancement; see introductory DLMS note 4a.*

090	Report Start

> **DLMS Note:**
>
> *Use in transaction history requests to identify the transaction history reporting start date. (Report start date equates to MILSTRAP DI Code DZJ rp 25-28 transaction history start date.)*

091	Report End

> **DLMS Note:**
>
> *Use in transaction history requests to identify the transaction history reporting end date. (Report end date is a date equivalent for MILSTRAP DI Code DZJ rp 29-31 which is the total number of prior days transaction history required. Accordingly, the report end date will precede the report start date.)*

197	End

> **DLMS Note:**
> *Use to identify the Physical Inventory Cutoff Date (PICD).*

510	Date Packed

> **DLMS Note:**
>
> *1. For subsistence items, use for physical inventory requests and physical inventory response transactions to identify the date packed.*
>
> *2. DLMS enhancement; see introductory DLMS note 4a.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
DTM02	373	**Date**	X	DT	8/8	Must use	1

Description: Date expressed as CCYYMMDD

REF Reference Identification

Pos: 140	**Max: >1**
Detail - Optional	
Loop: LIN	**Elements: 2**

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DLMS Note:

1. Use to identify the transaction number.

2. For End of Day Accountable Transaction Counts (1/BIA02/20 code B1) use to cite the accountable transaction count information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following code is authorized.*

Code	Name
8X	Transaction Category or Type

DLMS Note:

Use to identify the specific transaction types for which transaction counts are being provided in 2/QTY/320 (i.e., receipt, issue, inventory adjustment increase, inventory adjustment decrease, inventory adjustment dual.)

For Receipts (DS 527R with 1/BR02 code D4); Issues (DS 867I); Inventory Adjustment-Increases (DS 947I with 2/W1916 code AJ); Inventory Adjustment-Decreases (DS 947I with 2/W1916 code AD); Inventory Adjustments-Dual (DS 947I with 2/W1916 code DU), cite the appropriate code in REF02 as follows:

For Receipts, cite 527R in REF02.

For Issues, cite 867I in REF02.

For Inventory Adjustment Increases, cite 947IAJ in REF02.

For Inventory Adjustment Decreases, cite 947IAD in REF02.

For Inventory Adjustments Dual, cite 947IDU in REF02.

Code	Name
FI	File Identifier

DLMS Note:

Use with 1/BIA02/20 code B1. Use to indicate that the number of different types of accountable transactions is being reported in 2/QTY01-02/320.   Enter "1" in REF02 for this purpose.

Code	Name
TN	Transaction Reference Number

DLMS Note:

DLMS enhancement; See introductory DLMS note 4a.

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
REF02	127	**Reference Identification**	X	AN	1/30	Must use	1

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification

DLMS Supplement to Federal IC 846P Physical Inventory Request   ADC 45, 77, 134, 138, 164, 198, 204, 270, 295 and 307   DoD 4000.25-M

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**	**Rep**
		Qualifier					

LM   Code Source Information

<table>
<tr><td>Pos: 260</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: LM</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Use this 2/LM/260 loop to identify coded information maintained in department or agency documentation.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LM01	559	**Agency Qualifier Code**	M	ID	2/2	Must use	1

Description: Code identifying the agency assigning the code values

Code	Name
DF	Department of Defense (DoD)

LQ   Industry Code

Pos: 270	**Max: 100**
Detail - Mandatory	
Loop: LM	**Elements: 2**

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
LQ01	1270	**Code List Qualifier Code**	O	ID	1/3	Must use	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *1. Use either code 99 or A1 (but not both), except for ammunition where both codes may be used. (Use of both codes for ammunition is a DLMS enhancement (see introductory*

DLMS note 4a).

2. For DLMS use, only the following codes are authorized.

Code	Name
0	Document Identification Code

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 4c.

2. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.

78	Project Code

DLMS Note:

1. Enter the project code in LQ02 if stocks are segregated and maintained by project codes.

2. Future Streamlined data; see introductory DLMS note 4c.

83	Supply Condition Code
84	Management Code

DLMS Note:

Use in physical inventory request, physical inventory report/response, to provide supplemental management information.

87	Subsistence Type of Pack Code

DLMS Note:

Use in physical inventory request and physical inventory response transactions to further identify subsistence items.

99	Purpose Code

DLMS Note:

1. Enter the purpose code in LQ02 if stocks are segregated and maintained by purpose codes.

A1	Ownership Code

	Code	Name

DLMS Note:

1. Enter the ownership code in LQ02 if stocks are segregated and maintained by ownership codes.

A9   Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. Future streamlined data; see introductory DLMS note 4c.

AJ   Utilization Code

DLMS Note:

1. Under DLSS, this is the first position of the document serial number.

2. DLMS enhancement; see introductory DLMS note 4a.

AK   Distribution Code

DLMS Note:

1. Enter the distribution code in LQ02 if stocks are segregated and maintained by distribution codes.

2. Future Streamlined data; see introductory DLMS note 4c.

DF   Media and Status Code

DLMS Note:

The DLMS provides the capability to carry additional status recipients beyond those identified by the DLSS. The Media and Status Code and the Distribution Code will be retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Additional status recipients identified here cannot be passed to DLSS users.

FC   Type Physical Inventory or Transaction History Code

DLMS Note:

When using with 1/BIA02/20 Report Type Code AD, only code values 8 and 9 are authorized.

GQ   Group Qualifier Code

DLMS Note:

Use to identify the Materiel Management Aggregation Code (MMAC) for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.

A data maintenance action was approved in version 5010. The approved code/name is "MAC – Material Management Aggregation Code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

COG   Cognizance Symbol

DLMS Note:

Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

IMC   Item Management Code

DLMS Note:

Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC   Material Control Code

DLMS Note:

Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI   Special Material Identification Code

DLMS Note:

Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

LQ02	1271	**Industry Code**	X	AN	1/30	Must use	1

Description: Code indicating a code from a specific industry code list

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Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**	**Rep**

QTY   Quantity

<div style="border:1px solid black; padding:4px;">

Pos: 320   **Max: 1**

Detail - Optional

Loop: QTY   **Elements: 3**

</div>

User Option (Usage): Used

Purpose: To specify quantity information

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use	1

Description: Code specifying the type of quantity

Code Name

46   Total transactions

> **DLMS Note:**
>
> *Use with BIA02 code B1 End of Day transaction count and 2/REF01 code FI to indicate the total number of balance affecting transaction types being reported in this transaction. For the purpose of this transaction there are 5 possible transaction types for which end of day counts can be reported (receipts, issues, inventory adjustment increases, inventory adjustment decreases, and inventory adjustment dual.)*

TT   Total Production Volume

> **DLMS Note:**
>
> *Use with BIA02 code B1 End of Day count to indicate the daily volume of balance affecting transactions applicable to the transaction category/type identified in 2/REF01/140 code 8X (e.g. if 36 receipt transactions are being reported, REF01 = 8X; REF02 = 527R; QTY01 = TT; QTY02 = 36.)*

UU   Used

> **DLMS Note:**
>
> *For BIA02 codes AD, DD, TC, and DF, use to comply with X12 syntax requirements. Cite "1" in QTY02. Do not use with BIA02 code B1.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY02	380	**Quantity**	X	R	1/15	Used	1

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY03	C001	**Composite Unit of Measure**	O	Comp		Used	1

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
QTY03-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use	1

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Federal Note: *Use any code other than ZZ.*

DLMS Note: *DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.*

All valid standard codes are used.

N1   Name

<table>
<tr><td colspan="2">Pos: 450</td><td>Max: 1</td></tr>
<tr><td colspan="3" align="center">Detail - Optional</td></tr>
<tr><td>Loop: N1</td><td colspan="2">Elements: 4</td></tr>
</table>

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 2/N1/450 loop to identify the organization to receive the transaction.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: *Use any code.*

DLMS Note: *1. Use one of codes SB or Z4.*

2. For DLMS use, only the following codes are authorized.

Code	Name
SB	Storage Area

DLMS Note:

Use to identify a depot or storage activity.

Code	Name
Z4	Owning Inventory Control Point

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use	1

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

Code	Name
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

Code	Name
10	Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 4a.

Code	Name
M4	Department of Defense Routing Identifier Code (RIC)

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 4c.

Code	Name

2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

N104	67	**Identification Code**	X	AN	2/80	Must use	1

Description: Code identifying a party or other code

N106	98	**Entity Identifier Code**	O	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code	Name

TO   Message To

Federal Note:

Must use with the appropriate 2/N101/450 code to indicate the organization cited in N104 is receiving the transaction.

SE   Transaction Set Trailer

Pos: 20	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: *Cite the same number as the one cited in ST02.*					